

1913

Kenn

1 Fredericksburg, Va. July
20, 1913.

I. johnsoni a few under
damp dead leaves on
on edge of forest.

I. pennsylv 1 ♀ (1 m?)
under sign on white oak
Notettix femoralis occasional
in low grasses on upper
rolling ground.

Notettix (if any)
in same sit.

I. lateralis occurs on
high ground in damp
spots & along edge of
river also.

P. cucullatus scarce
along edge of stream
near river Stafford Co

A. greenum ad & im
in equal nos - locally
common in scant grasses
sandy spot as cucull. Stafford
Co.

S. aduncus ms ocul -
10th in wet high grasses
upland depression

T. brevicornis few ad ♂s
same situ

D. viridis common in
woody places

A. speciosa fairly abdt
widely distr over uplands
esp in short grasses -

A. pulchra Locally
common in tall wet grasses
in uplands and also in
serpentine-like situ - poor
soil. Mill summits -

A. sulphurea 1 ad in
serpentine-like situ.

Arpacia var on in
pine woods -

H. rugosus common
in upland short grass

H. phaeoceph fairly common
in serpent-like poor lands

Chor. viride scarce in
uplands m & ad.

Eucop. sordidus 2 m
only in high upland
grasses.

D. carolina not scarce
in dusty places.

S. bolli common in
oak & cedar woods
in summit.

Erit carinatus v. com
m. occurs on uplands
in short grasses.

M. all v. com in weeds
fun and var m. swarming
funeratus few in
uplands occurs on
poor ground.

scudderi v. few m

m in pasture land

Ambley 1 ♀ m in lush

herbage in alder in
woods.

A. uhleri 1♂ in corner
of meadowland near
woods.

E. brevis not common
Q. fasc common

Q. pulchellum 1♂ only
reared & taken in tall
weeds along river.

Q. vulgare nr. several
num. fasc nr swarms
ads scarce

N. mac nr abdt
in damp leaves in
& along border of wood
on high ground but
in stream near

N. confusus nr nr nr
fairly common as above
N. car nr scarce in
banks of stream in
woods.

P. pulchellus 1 nr in
weeds. Stafford Co.

C. exigua nr common

in weeds along stream
in woods & along
river.

A. saltator no common
in woodl veget

H. agitata same

Aec 4 repert or seen
esp in weeds.

A. latipennis 2 no in
weeds in corner of

field near wood.

E. annita occasional
among ^{sparse} grasses on sandy
soil near edge of str
Stafford Co.

I. apicalis same
Stafford Co.

297 specimens

43 species.

2 Orange, Orange Co. Va.

July 21.

N. fuscatorius scarce in
low grasses in open on
Southwest Mountain

S. lateralis Scarce in
low herbage

S. adnir Ads scarce
ms occs in low herbage
& grasses

D. viridis as before

A. sulphurea ads & scarce
ms occasional on hills

A. xanthops 1 m scarce

H. phoeniceus very scarce
in open on hill N of town

E. cariniatus 2 ms in
open on Southwest Mtn.

C. conspersa 1 m in
forest of Chestnut on
Southwest mtn.

C. vividif ms & ads
occasional in short grasses
on hills esp.

D. car as given before

S. bolli Abundant in underg
of woods on hills

M. atl fairly common in
cultiv fields

M. ^{decoratus} w long subg pl.
1♂ seen ♀ (numerous ^{of this?} ms.)

in undergrowth in
chestnut forest on Southwest
mountain.

Amblyc. ^{notundif} ms & ads
scarce; ^{loc} as last species -

Ambly ^{oblongif} large 1♀ seen in
underg of woods on hill
N. of town

Am notundif 1♀ in underg
in chestnut forest on
Southwest mtn.

U. maculatus ms scarce
in leaves, as last sp. loc.

A dorsalis (large
paler sp) scarce in
dead leaves and scattered
green underg of Chestnut
woods on Southwest Mtn.

A. near packyan (smaller
yellow bellid sp) Locally
not scarce, elsewhere
very scarce - same
loc as last sp.

A. saltator same no scarce

H. agitator " " "

A. latipennis " " "

Campy. carolinensis " " "

beaten usually from low
herbage.

$$297 + 100 = 397$$

J. americana I seen not taken
in tall weeds along RR

3 Lynchburg, Va. July 22

H. fuscatorius

S. lateralis 1 ♂ sweeping
in upland grassy field

S. admirabilis as at Orange

A. sulphurea 1 ♀ in grasses
near oak woods on hilltop

A. xanthus few in upl.
grassy fields.

H. phoeniceus 1 ♂ same site

H. megastes "

E. carinatus seen as fairly common

C. pelidna several ad.

C. viridis as scarce as of common

D. carolina common dust

S. bolli taken a colony
seen in border oak woods

S. americana few about weed.

M. sh. 10 as occur in oak
woods underg.

M. fuscatorius 1 ♂ as sweeping
upl. grasses

M. alb. occur in cultivation

Aueb not in die 1 ♀ under
in oak & pine upl woods.

O ob tr uct ies ? are us fairly
com mon 1 3/4 gr ♀ — all in
tall grasses of hillsides
where

C fasc ^{0 Taken} us com mon few ads

C vulgar are us.

$$397 + 39 = 436$$

4 Petersburg Va. July 23.

I. divisa all from under
signs on red oaks - as
about as common as ad.
The smallest ♀ w longest
teg. only taken from under
sign on short-leaf pine -

I. lateralis common in
grasses in marshy spot
near stream on edge
of woods.

N. ^{fulvipes} ~~cast~~ same -

S. adreia ~~few~~ res. same

A. xanthus few as on edge
of woods in dry leaves -

I. brevis 1 ~~as~~ S. adreia

D. viridis in ~~very~~ places

C. pelidea in grasses in
pine woods.

H. phoenicea a very few
in field of low weeds

C. viridis same

D. carol same & along ^{road}

S. bolli in underg of
pine & oak woods

S. wyoming a few in low
weedy field

P. fructu good size along
in sandy bare spot in
field.

J. citrinea occurs in
sandy almost bare
area in field & on white
sandy road.

M. atl common in cult.

" ferus a few in grasses
in wet place near woods

M. luridus 10⁷ underg of
pine woods -

M. us. same occurs

A. oblongif few in
grasses & low bushes
in wet place near woods

Scrub 24 one as above

one in green bunch of
undergrowth in pine woods

Orch. few as in grasses
& low bushes in boggy
spot in woods.

N. carolinensis no not
scarce as above.

F. nebarde few as above
A. pulicaria 2♂ (1 lost)
after long beating, same.

C. saltat 1 on in
undergrowth in pine woods

Pec. latip few as same
H. agit 1 on in boggy spot
near woods

C. tregori 1♂ on in under
of heavy oak woods

Parot florid few ads &
as in boggy spot near
woods.

St. carolinensis 1 on undergrowth in
woods.

5 Weldon Halifax Co. N.C.
July 24.

I. divisa no scarce under
signs on trees.

I. lateralis near stream in
underg of heavy forest.

Neotettix no scarce in scant
plants & grasses edge of
pine woods.

Urosalpinx? no scarce sil-^{or p. 100}

S. admir no & ads fairly
common in low green bushes
& grasses.

D. virid few same 1 in
underg of pine woods.

C. pelid occul both places

H. phoenic a very few both "

H. rugosus in fields near
woods a very few

C. viridif a few same

D. car as usual

S. bolle fairly common
in underg of pine woods

a few in decid woods.

● L. forest a few in
colony - sandy spot on
edge of scattering pines.

L. citre one only along
road in sandy spot

A. sulphurea 1 in low
green veget.

Stagnus carol 1 in in
undergrowth in heavy forest
near stream.

M. atl few, as usual.

M. devius 1♂ in scattered
woods of low pines & oaks
undergrowth huckleb & other
sand loving bushes.

M. near strenuous on sp.
1♂ 1♀ same site after
long search.

● M. lepid? no same
not uncommon.

Ocellularia 2♀ + same.

A. oblongif scarce in
low meadow bushes near
forest.

A. uhleri same.

A. pulchell 1 in green
underg of heavy forest
near stream.

A. exigua 2 ns same

E. minuta 1 on ground same
place.

A. saltator a few ns
same.

H. agit a few ns same
to also in green underg
near forest.

A. latif 1 in underg
of low pine woods.

H. carol 1 in along etc
in heavy forest.

P. M. back to low woods -
where Mel. sh. w. n. sp. was
taken - 2 very work res.
2♂ 2♀ all in same area
of 100 ft - The species
is wary but hides
constantly so that by
careful approach and
guarding to the net
several were easily
picked up. - Not a
vigorous jumper -
Scl. alutacea 1♂ there
a number of n. Mel
and 1♂ 1♀ A. ableri

$$+ 600 = 704$$

6 Goldsboro N. C. July 25

I. major 1 ♀ & a under bark
of dead sh leaf pine stump

I. uhleriana 2 ♀ under
debris in sh leaf pine needles

I. later scarce in wet
weedy spots in sh l pines
Monobitt Scarce on sandy
gr in scant veg in sh
l pine woody

Neotettix fuscicornis (rough)
as I. lateralis.

Neotettix (smooth along
edge of sh l pine woods
in under & grasses

Acyd scarce as Monobitt
I. adonis scarce in
grasses in sh l pine wood

D. viridis fairly abnd
same place

A. pellicula scarce, few

H. phoenicea scarce in

grasses on edge of pines
● S. bolli is scarce under
sh l pine woods.

A. xanth no occurrence
A. ulmi few in green
grasses & weeds in damp
places in sh l pine woods

P. pulchellus few no occurrence
E. meivata 1 occurrence

C. saltat few no occurrence

● C. latip not C. ? occurrence

H. agit few no occurrence

F. nebulosi few in
grasses growing under
scattered growth of sh
leaf pines -

C. elegans? (striped green
w) 1 occurrence

Atth. pachy (?) scarce
● in scant veget among
leaves of few decidu
trees in sh l pine forest

7 Humberboro N.C. July 26.

I. later a few among scant
short grassy veg growing
on marshy almost bare
clayey ground.

Neotettix (rough, carnate)
occasional - same -

Syrph Dich C. pilid S. polli
as A. xanth, M. fuscipat
atlantis as usual, scarce
M. as of sp near congregia?

not uncommon in low
grass on edges of forest

F. rubandi in same site

Ailanthicus dorsalis (?) in
leaves among grasses

in decid forest / small
colony only found -

Leptys marginis as
common in swampy
spot

Encop sold same same

~~Numob macul 2 res w.~~

~~Neotetta.~~

~~Short few ads quite a few w seen in grasses near woods.~~

~~Numob fasc large on typical of many grasses near marsh, seen on typical of forest underg.~~

~~Entetta res common~~

~~w Neotetta.~~

~~H. agit res usual in forest undergr.~~

~~E. angulata a few w Neotetta~~

$$820 = 919$$

$$704 + 99 = 803$$

8 Charlotte N.C. July 27

I lat in grasses about
damp places in & near
woods occul.

Acrydium occul on wet
clay along "branch" in
pine woods.

M. levius In scant
growth of wild straw
& other low plants &
"low oaks, grape vines
etc - no grasses & esp
bare ground, in ^{tall} oak &
pine woods - Almost
all no ^{seen} bad taken -

M. carnegi a few
1/2 gr no same situ
but partic on edge
of woods in 1st grass

M. macul no a few
same pl as M. levius
M. carol few no along

streams in forest.

● Sand doria not scarce
among tufts of very green
grass growing over aestr
areas in tall shl pine
woods.

A. pulpa & xanth both
ads in these woods -

S. bolli ✓ accus same -

● Campito carol 1 1/2 grown
beaten from wild
grape vines on ground
in these wood.

H. pliocuic 1 in same
woods.

Stagnus ✓ no same place.
I. divisa ✓ no on white &
red oaks & other decid
trees under signs.

● I. major 1 ♀ under
sign on red oak.

A. plid ✓ is scarce in woods

9 Columbia S.C. July 28

Dicty in small bunch of grass in bare area near edge of field.

Phyllosc beaten from green heavy undergrowth in pine forest (on leaf).

Mercuria no same place as Dicty.

Scirtitica picta 2 ms on sand in black jack oaks.

Psira juv there also

1♂ Adont apterus there but not taken.

1 Schistoc along edge of oak leaf pine woods

C. trigonif beaten as

P. pulch.

C. squame no very abdt in long leaf pine forest among needles.

Quercus annulipes under
board under sh leaf
pieces.

Asplen., Cladonia, Hypoxylon
& Myrmica or Formica in field
near pine woods.

T. citreus / red colonies
formed on sandy soil.

M. scudderi gr. on
in scant undergrowth
(chiefly oak sprouts)
in area of black jack ^{sapling}
M. also with other species
in undergrowth of short leaf
pine forest on edge
of dunes.

Quercus virginiana

1023 + 81 = 1104

81 S.C.

10 Augustā Ha. July 29.

Tettigidea few in damp
under sh leaf piles.

Neotett quite numerous
in one sandy locality in
same woods.

A. annulipes 1 under
sign on sweet-gum.

D. divisa few ad & ns
under signs on sweet
gum and sh leaf Georgia
piles.

Staque carol In raspi-
thicket under sh in pine
woods.

Man tennesseae 1 ♀ in
bunch of grass in sandy
scrub oak area.

Radiu brevif ns
fairly common under
ga sh leaf pine woods
(all brown) few in

nearby waste land of
short grasses (green &
brown) few in sandy
scrub oak tract.

Syrb aduic also occurs
no more near waste
land of short grasses -
no everywhere also occurs

Murex algeris 1 ad
no occurs in waste
land of short grasses
1 ad no summer grass
in sandy scrub oak
area.

Eritett carice no several
in grasses near pine
woods

Aspilice granulata (?)
few in waste land
of short grasses.

H. rug. & few same
H. pluvie few in sandy
scrub oak area.

Sph. wynnii 1 seen
Prinid. festu few
same.

Scirt. picta 1 ad 1 m
same

D. carol several seen
J. citr (?) 1 m as picta
Sch. obscura 1 ♀ in
high weeds at corner
of cotton field.

S. alutac 1 ♀ in high
bushes along drain
near pine woods.

M. proping in grasses
in waste land & in
sandy scrub oak area
few.

M. stuei (?) fairly
common in sandy
scrub oak area.

M. carneg gr 1 ad ♂
ms common in scrub
oak sprouts, same.

M. shw? few ms
in under of sh by
pine woods in damp
places.

H. floridana 1 ♂ 1 ♀ 1 ♀ m
in low plants, Hackberry
strawberry and many
others in sandy scrub
oak area - This sp
acts in an unusual
manner - when pursued
hiding on the underside
of the leaves of small
plants a only feet
out & eyes showing fr
above.

Parot florid 1 m in wet
place near pine woods
Lept meargenic 1 m same
Amblyc 2 ♀ in sandy
scrub oak area
Adont apt occur same
among oak sprouts

A. Muhlenbergii 10⁺ among
grasses on ground
in sandy scrub oak area.
N. acc. not uncommon
in uncultivated land among
grasses.

A. Lyallii ~~not~~ same.
Chrysopsis saevus 1⁺ in
undergrowth of sh. l. pine
wood.

C. trigonifolia 3⁺ beaten
from plants in undergrowth
of sh. l. pine woods.
Acc. 4 insect in waste
field. 2.

$$1104 + 190 = 1294$$

11 Macon Ga. July 30. ⁻³¹

I. derogel & I. uhleriana
O. annulipes under oak
leaves on edge of oak &
sh leaf pine woods.

1 C. lutea ♀ There also
but escaped.

C. squaripes us. There a
few.

In high ^{heavy} bunch grass
on edge of pine woods
Campoplex 1♂, us abdt.

1 M. neelae same

Syrph. aduic ad ♂ us "

S. americana "

S. alutacea 1♀ us "

O. apterum fairly abdt
in underg of sh & pine
woods, up above oak
sprouts, 2♂ both there
& 1 A. ulprie, 2 S. uhleriana

M. propinqua ~~occasional~~ and
M. atlantis 10^m in the
tall heavy bunch grass
M. carneyi (?) no ~~occasional~~
part about oak shoots
in undergrowth of the pine
forest.

1 M. maculata in ~~beaten~~
from high bunch grass
along edge of ^{pine forest} woods

H. rug same place
a gravel in these
woods.

R. brevif 10^m & a very few
ms in bunch grass
along edge of same
woods, no in woods also.

$$1294 + 149 = 1443$$

Same loc. next day -

1 adult M. carnegiei in
oak shoots & other plants
in underg of sh. leaf pine
woods - no more abdt
and a series, apparently
all of this species were
taken.

M. tribulicus 1 ♀ Taken
among oak sprouts
and a tangle of
other plants & vines
in underg of pine wood
some of the no more
above were taken here
but it appears hardly
probable that they
belong to this -

Diaple 2 no taken
near site.

Monotett 2 taken on
gr among pine needle
site.

~~Microgryllus~~ same -
~~I. citr~~ 2 females on
bare washed reddish
clayey ground -

~~Campylac~~ appeared
to be dist^{er} everywhere
in the thick grasses along
the edges of the woods
at Idle Hour -

$$1443 + 98 = 1541$$

$$\begin{array}{r} 149 \\ \hline 247 \end{array}$$

12 Albany Ga. Aug 1.

A. annulif under sign on oak.

S. divisa 1 ♀ under sign on l leaf piece.

S. undulata 1 ♀ not taken same.

C. lutea 1 ♀ under needles in l leaf piece woods.

Allegouxx 1 ♀ underg in l leaf piece woods beating little but wire grass there

J. graminea 1 ♀ same

Stagnus car as common usual underg in l leaf piece woods, few in leafy veget along river.

Crys bryces no common locally in high area along river.

Diaph 2 ♂ no common, same

S. lat - occ in underg
in pine woods esp
in more moist loc.

Novest sp. - very scarce
in underg of pine woods
where some low marsh
loving plants were apparent
Neotett few in sandy
spots in underg of pine
woods.

Paratett on limestone
eroded and sand bars
on edge of Flint river.

R. brevif very few in
in underg of pine woods

M. alacris 2 ads no occure
ance.

Dicer. viridis occas
damp spots.

S. adum. freq underg
of pine woods no
ads about equal.

Q. fulv freq ads underg
of pine woods.

A. xanth (?) scarce also
under pine woods.

Chor. auct. numerous
in grassy open places.

H. rugos scarce, 2,
under of pine woods.

P. furst 1 ♀ sandy
spot in leafy pine woods.

I. citr a few same
these w. darker marks

● app (1 ♀ esp, taken)
also sand bars along
flint river (as speckled
, taken)

Sch. obscura in high
green weeds field near
river.

Sch. rubig (?) 1 ♀ under
leafy pine woods.

● Sch. beat graceful
yellow bird sp. - same-
there. 2 sp in dry
places among low bushes.

Co. Preslles 18[♂] 17[♀] 17^m

^{heavy low}
All in underg in pine
woods in moist but not
swampy place.

M. sandd (?) no ocell
underg pine woods.

M. propinqua abdt in
fields.

M. trib gr (?) few no
in heavy underg in
pine woods near river

M. lueridus (?) no ocell
underg pine woods.

A. sphaerata same no
a few same as shown?

P. attract ♂ & few no
same.

Sandd one sp. 2 ♀
same

Sandd large very
few underg pine
woods.

Amblyc. ulteri 1 ♂ same

Amblyc. sp. (larger)

or few same.

Conoc. 1 ♀ (shorter wing)
same.

Conoc. 1 ♀ (longer wing)
same as monotett

Arch. glab. several
singing in highest
spot in tangles along

Arch. molers (?) 1 ♀
In tower window doubt
attracted to light.

Xiph. fasc. flew in wet
grass.

A. apterum / undulata
in pine woods. freq,
but no abdt.

E. minuta / swampy
spot on edge of
wet.

H. ruber occurs in
swampy spots.

N. auratus common
under pine woods.

Dr. clouetensis under
sign on long leaf pine.

Dr. rubens on grass
in grasses (not taken)

G. exigua long 31
under mosquito bar
in bed room.

F. tubardi 1 ♀ reedy
along edge of river.

G. trigonif. common
in tangle of small
bushes and vines
along river

Phyllosc. pulch (?)
sawee.

Acc 4 querc 2 under
pine woods

Hapith few more
as Phyllosc.

The little green

Xiph. as Phyllosc.

OK - Atlanta

Has been observed
~~not uncommon here~~
in the ~~wedding~~ of the
pine woods as well
as at Macon, Augusta
and Columbia in like
situations - I think
it very probably over
as yet under pine
wedding of taken 1911.

$$1541 + 286 = 1827$$

13 Atlanta Ga. Aug 2.

1 derop 1 m in oak

leaves in forest of same

Down 1 ad 2 m beaten
from high weeds along
stream in oak & alder
pine woods.

Diaple m. few in plants
and bushes in oak woods

Chironyx 1/2 m on
ground in oak woods

Homotett 1/2 on sandy
ground in higher ^{situate} oak woods

Motett common on
more sandy ground in
fields & few same in
oak & pine woods

I. lateralis along
stream in meadow
land.

I. brevic same

I. aduicatus same

Eutett simplex few

mo in short grass of
fields.

O. fulvipes few underg
of pine & oak woods.

A. xanthus few no same

C. auratus common as
Eritetia

H. phoeniceus few in
shrubby open

H. rugosus - one or two only

(Bradley took some)
very abdt. as Eritetia.

T. citreus on bare clay
washout on hillside.

S. auratus few in
pine woods.

M. carnegii 2 or 3 no
abdt in underg of oak
& pine woods partic
on higher ground.

M. tribidus gr (?) no
same same but near
the more moist ground

M. atlagis cultw.

M. lurid (?) ns

occasional in mixed oak
& pine woods.

P. floridensis as T. latialis

Xiph fax same.

A. rotundif. (?) in weeds
& vines low spots in oak
& pine woods

Q. vulgare (?) ns as
T. latialis.

N. socius same.

N. carolinensis 1♀ in
oak leaves in same
woods.

A. nigras in pine
woods.

S. balli very plentiful
in mixed woods of
oak and pine.

Q. fo. latif. few ns
in oak scrub in oak
woods.

H agit ✓ free us name.
P. ~~publicly~~ free us as
Doreen. ✓

$$1827 + 84^{(?) } = 1911$$

14 Stone Mtn, Ga. Aug 3

I saxatilis on bare granite slopes where only areas of lichens were to be found — The sp. was plentiful about the base of the mtn where these bare rock surfaces were first encountered part in areas of rock fragments near the adjacent bunch grass vegt — on ascent further the sp. was found less numerous becoming quite infrequent upon the bare rock area in the pine woods but at the summit where large bare rock areas occupy the

greater portion of
the surface the sp.
was again found in
cousd nos. The
flight of the species
is distinctive - taking
wing with great rapidity
they fly very low for
a short distance but
since great wariness
and often have
to be approached a
number of times before
it is possible to come
within striking dist.
Only ^{very} occ. was their
flight accomp. by any
sound - this sound
being a faint whirring
resembling that occ.
prod. by index of the
western I. cyaneipennis

The granite surfaces
were for the greater
part stained to a
blackish blue and
the majority of specimens
were ^{exactly} of this coloration,
a few were paler,
matching the paler
areas of rock surf
while occas spec
were mottled with
greenish and these
exactly matched the
lichens.

A xanth / 1 on bare
granite surf near summit
of mtn.

M. funebr / also occ'd
was fairly plentiful
in frequent areas of
beccle grass on mtn.

L. viridifasc a very
few same.

S. adnigr adst & no
~~very~~ ~~scar~~ ~~occur~~
same.

H. rug 1 in same

H. phenic 19 in bunch
grass in pine woods 1/2
way up mtn.

A. apterum 18 in species
of wild onion in bunch
grass area in pine
woods.

M. carney no occur
in under of pine woods

A. occident no fairly
num in bunch grass area
in pine woods.

A. peder very far
same.

Xiph (1911 & 1912) no occ
fairly plentiful same

174

2085

1911 + 166 = 2077

15 June
Pine Mountain, vic of
Aug 3.

A. xanthus as occurs
under pine woods

I. lateral in bog at
foot of P. Mtn. Precip.
plentiful.

A. obscurum very few
on sandy area on
edge of bog at foot of
P. Mtn.

I. brevis numerous
also few as occurs.

Stag. carolinensis 2 as in
blackberry tangles pine woods

Diaple as not occurs
in tangles in pine woods

Nomot 2 in sandy
grassy area in pine
woods.

H. me 10th along road
H. plebe 10th " " " " " "
in blackberry tangle

S. aduix ✓ see under,
in pine woods.

A. pulchra ✓ same

S. bolli ✓ same part
about scrub oaks there

I. citreus ✓ 1 ♂ only on
road

M. canu ✓ 1 ♂ (not taken)
us abdt under of
pine woods.

M. nelli ✓ very few us
same

M. arboreus ✓ 1 ♀ in
dusty road between heavy
pine woods.

M. reticerv ✓ 1 m beaten
from grass clump in
bog at-foot of Stone water
cliff.

A. apt ✓ 1 ♀ under of
pine woods

H. agit ✓ 1 m in tangle
in pine woods.

E. punctata very few
on sandy area as
Acridium.

H. carolinensis in bog at
foot of Stora near precipice

H. rubens on edge
of same in pine woods.

C. triginta 2nd full beaten
from large in underg
of pine woods.

C. squarrosa in same

Scudd 2. underg of
pine woods

D. carol common
along dusty road as
usual.

$$2085 + 64 =$$

$$2149$$

(16 and 17 M.H.)

16 Toccoa Ga. Aug. 5.

Ambly aur. Occul in grasses
vines & oak sprouts in
clearing.

Ambly lanceol. 1 ♀ scant
underg of Michauxia bushes
in dense forest of pine
saplings.

S. bolli Occul in underg
of oak woods.

H. phaeia 1 ♂ in grasses
& vines & oak sprouts
along edge of woods.

S. adae freq & widely distr
thru underg in forest.

M. alacris 1 or 2 as Ambly aur.

M. canis everywhere in
underg of forests esp about
oak leaves - ^{only} loc abundant
no. very predomine yet.

M. lutea Occul thru underg
of forest.

H. nig. no occur as on

Amblyc.

A. bipunct (?) in location
same pl as H. pluvie.

A. pelid occur everywhere
N. ambly no occur in
sax leaves.

N. soc 1 at same -

not 1 as Ambly are

nomot 1 in in under

of near forest

Cyclop - same 1 in

68 +

=

Elev 1700 ft.

17 Citrachee Mtn. Ha. Aug 5

M. walsbyi from $\frac{1}{2}$ way
up to summit in luxuriant
mountain undergrowth of grass
and oak sprouts under
a forest predominant in
black jack. - abundant but
on summit fairly abdt.

M. leucodactylus generally
dist. over entire mtn.

M. strimmarum very
local on mtn. summit
in veget. as above under
M. walsbyi partic. about
oak shrubs.

M. carneyi very abdt
in same veg. and partic.
about oak shrubs
on summit - also in
the great may.

M. infundibulum only a very
few on mtn. summit

all others taken in
typical woods at upper limit
of gradual slope.

A. plagiatus 1/2 in above.
at antice 1/2 in same

Arctia 11 ad at summit
in desc. but no occul

A. apteris 1/2 in above
abdt in abundant

mountain part described
ads about 1/2 in predominant

Hepp. brunn. occul in
bundle grass (sample kept)

partic. where this was
presented on green slopes

and in low veg. - taken
from summit to pine
woods on upper grad.

slope.

Cy. latifolius from low
veg

Dec. sp. in same.

Dec 4 pup at 10th same.

~~Haplo-~~ 1 m. line recy

under at summit.

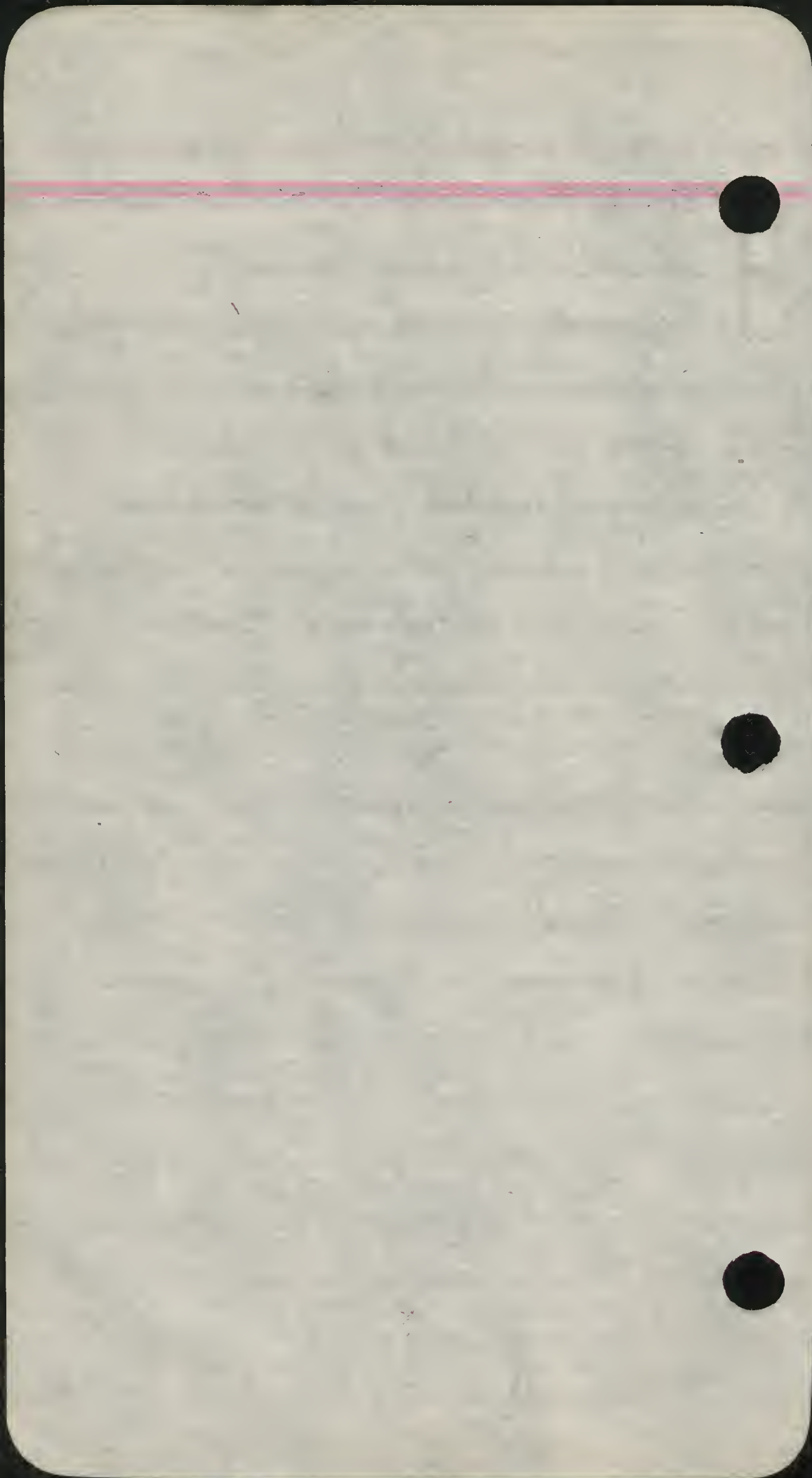
Said to be in descr
but only recy top to
lower slopes.

Orphilella same

147 +

=

found grass
at
Cross



18. Jasper, Picher Co.,
Ok. Elev. by aneroid
1550 ft. Aug. 5, 1913.

Collected east of town.
Chlaenius sp. Beaten
from oak scrub - grasses -
all immature. Had
front leg extension re-
action.

Orphnella scarce in
mixed & pine woods.
Aphidius sulph. edge of
pine woods.

A. xanth. in mixed
woods. Chortoph. edge
of wooded road.

Melanoplus canap.
in mixed woods -
few adults, nymphs
numerous.

Eph. lilli numerous
in mixed wood.

Amotellix on bare spots
in woods and clearings.

Amphycorypha beaten
from scrub.

AlEcanthus Beaten from
scrub.

Remol. in woods + on
edge of square.

Cipthas in woods.

Cyclop. Beaten in woods.

$$2149 + 43 = 2192$$

19. Sharp Mountain (acc.
to local authority - the
same called Sharp. Top Mt.
by Morse & on gov. charts. The
latter name is used locally
for a ~~lower~~ ~~mountain~~ to the
eastward.), near Jasper,

Pickens Co., Ga. Alt. barometric
1800 - 2000 ft. Aug. 6, 1913.

Edge of old field one *H.*
phoenicopterus.

Remainder all in under-
growth in and on bare
ground & rocks under
mixed deciduous & conif-
erous forest on steep slope.
Much sumac, saw blackberry
& oak brush.

Oligomyx. one remaining
in bare ground.

Heiapher. brush at edge
of woods.

Eph. lili ~~*numerous*~~ in
woods.

Melanopl. tr. bulus Three
seen - all taken. very
local.

M. carnegiei Most numer-
ous species. Fairly well
distrib. in woods.

M. complexus All seen
taken.

M. luridus All seen
taken.

Oreanthus Beaten.

$$2192 + 37 = 2229$$

20. Hatten, Whitfield Co.,
Ga. Elevation 850-1200 ft.

Aug. 7, 1913.

Valleys entirely cultivated -
hill slopes to water. $3\frac{1}{2}$ m.
very dry, burnt off in large
part - very. very poor.

~~Uligon~~ x One in rocky slope.
~~Diaphera~~. Nymphs ~~lost~~!!
beaten.

~~Synbela~~. Nymphal only
in brush.

~~Spharagemon~~ loli seen
but not taken.

~~Bliss~~ x along road.

~~Melanopl.~~ lucida On wooded
slope. M. ampl. ditto.

M. tribulus nymphal on
ditto. M. carnefici
(?) ditto.

~~Odentophiphium~~
~~dry flat woods~~ - one other seen
on slope but escaped.

Hapithus ✓ Beaten in
flat woods.

Oecanthus ✓ Beaten on
slopes.

#

$$2229 + 15 = 2244$$

21. Warm Springs, Meriwether
Co., Ga. Elev. 850-1100 ft.

Aug. 9-10, 1913.

In pine & oak woods on slopes
of Pine Mt (really only a hill);
timber low, with ^{pine - barren like} an occ.
long-leaf pine, undergrowth
low, much blackberry -
"bracken"-like plant, fre-
quently much burned -
shrub.

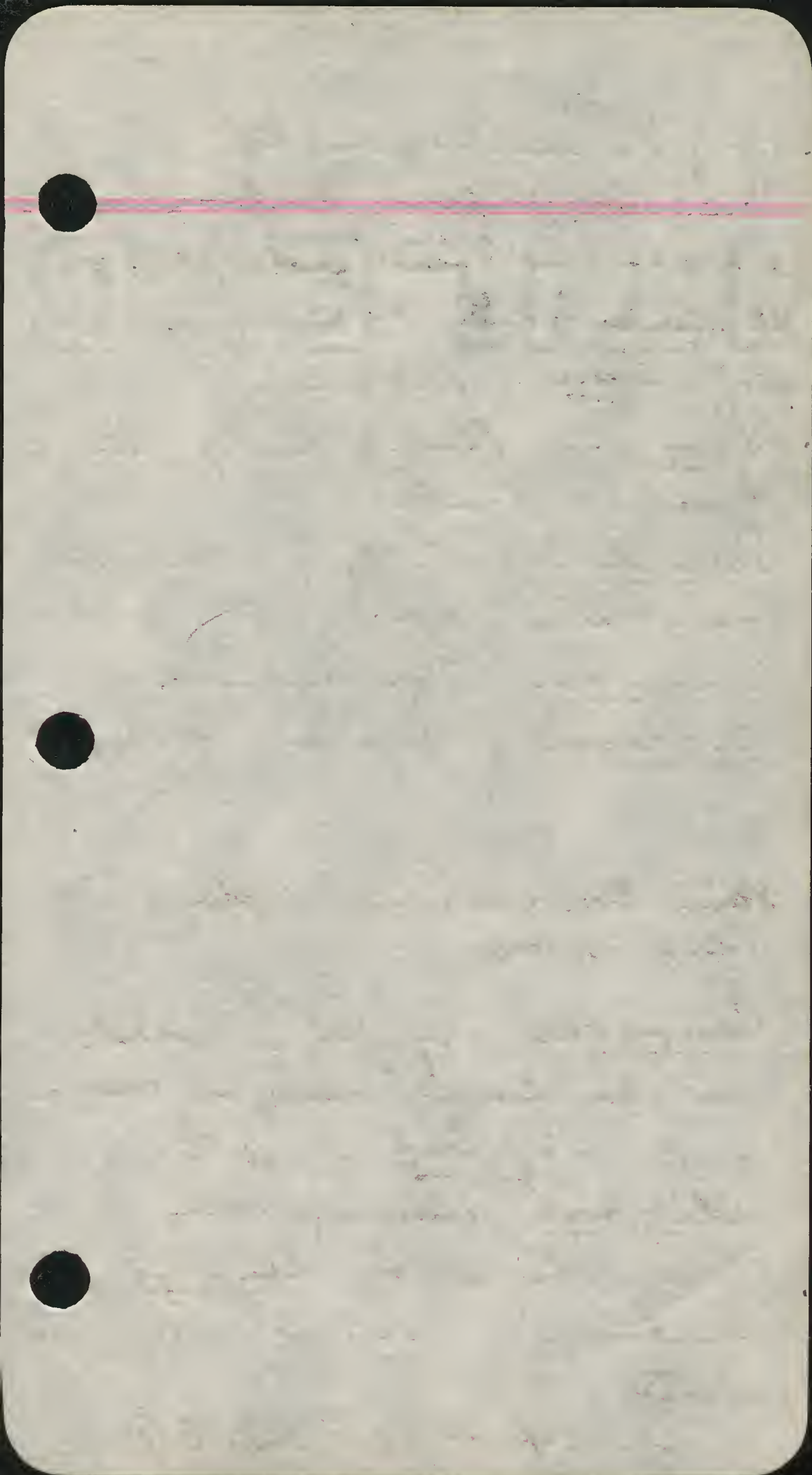
Ich. derop. ~~Running in fr.~~
Choris. Beaten from underg.
Diaph. myrpho. Beaten.

Aniso. Beaten & taken from
low oaks etc. ^{one pair in co. in} much infested
with mites. ^{Radia. myrpho. common} Uroph. ~~numer.~~

Ambly. myrpho. not numerous.
Arphid. ~~x.~~ uncommon.

Hippis. ~~One~~ taken all seen.
Sph. In fair numbers.

Cottetix pusillus Single sp.
seen & taken in heavy tangle of



woods undergrowth.
Mel. carnegiei in fair
numbers, few adult ♀♀.
M. fluei - like sp. Scarce.
M. luridus - scarce.
Hespero. flavid. Only museum
taken - beaten.
Scudderina. Only ♀♀ taken -
no other seen.
Odontox. Uncommon.
Cycloptis Scarce - beaten.

Same loc. & number. Afternoon
Aug. 10, 1903.

Campylac. nymph in woods
in abandoned road in same
woods. Syrbula n. ditto
Oligonyx running over
ground in woods. Amblyc.
beaten from scrub. Stagnon
ditto.

$$2224 + 115 = 2339$$

22. Ashley Junction,
Charleston Co., S. C.

Aug. 15, 1913.

In long-leaf pine woods,
most with dry wire grass
+ "bracken-like" undergrowth,
several areas of true brake
+ reeds + grasses (depressed
+ more moist) and
several spots almost
bare except for short
grass.

Spiders. Everywhere in under-
growth, immature. Leptopoda
+ other Leptopodids in the
bare spots. Mesochorus abun-
dant in tall brush - all
seen. Chrysomella not
particularly common,
adult + nymph. Chino-
cephalus scarce in wet
spots. Amblytropis + reynoldsii

not uncommon in brush.
Arphia only sexual seen
in dry woods; one taken.
Psittidia - one nymph in
sand. Scirtetica are
very small nymph, ditto.
Chistocerca obscura - like
sp. Abundant in all
situations - females
not as numerous as males.
Striped ♂♂ and leather
colored ♀♀ seen in
woods & also in wet
spots. Only mated pair
were both striped. Lep-
tyoma nymphal only
but numerous in wet
areas. Mel. fulvi
in dry woods, scarce.
M. decus - like in
area of short grass
& no brush, only nymphs.

scarce, all seen
taken. Micro. one
taken in woods. Amblyc.
one ditto. Beloccephalus
nearly adult pair in
wet spot. Uchel. n. in
ditto. Udon & exiphiid, in
dry woods - numerous.
Cyclopt swept in woods.
Phylloce. "
Ocanthus "
Hapithus & Urophorini
numerous in dry woods,
almost all nymphal.

$$2339 + 133 = 2472$$

23. Isle of Palms, Char-
leston Co., S. C. Aug. 15, 1913.

The brush on the island
is scattered in the hollows
of fair sized dunes and
consists of bay berry,
a sort of white oak, briars
and more rarely palmetto.
No saw palmetto was
noticed and there is
no hammock land.

Much sea oats grow
between the dunes.
Search failed to reveal
any Drumotropis, but
Psittidia was abundant.
Uroph. olivacea was numer-
ous but hard to catch.
Schist was scarce & very
shy. Only the two Melminis
were seen. Cryptopt.

all broken from
bayberry - also nymphs
Hapithus. Little variety
in species.

$$2472 + 59 = 2531$$

